

A2
Field of the Invention--;

in line 3, before "invention" insert --present--;
after line 3, insert --

A3
Description of the Related Art--;

A4
5 in line 5, delete "[1]" and insert }-the reference A. Hauenstein,
"Optimierung von Algorithmen und Entwurf eines Prozessors für die
automatishce Spracherkennung"--;

in line 14, delete "[2]" and insert }-the reference A. Hauenstein,

A5
10 "Optimierung von Algorithmen und Entwurf eines Prozessors für die
automatishce Spracherkennung"--;

in line 20, delete "[2]" and insert }-the reference A. Hauenstein,

A6
"Optimierung von Algorithmen und Entwurf eines Prozessors für die
automatishce Spracherkennung"--; and

in line 26, delete "[3] and [4]" and insert }-the references V. Steinbiss et

A7
15 al., "Improvements in Beam Search" and M. Niemöller et al., "A PC-based Real-
Time Large Vocabulary Continuous Speech Recognizer for German"--/

A8
20 On page 2, in lines 1 and 2, delete "[5] and [6]" and insert }-the references
A. Hauenstein, "Optimierung von Algorithmen und Entwurf eines Prozessors für
die automatishce Spracherkennung" and S. Ortmanns et al., "Look-Ahead
Techniques for Fast Beam Search"--;

in line 3, after "also" insert --referred to as--;

in line 7, change "combination" to --combinations-- and delete "[sic]";

in line 24, before "term" insert }-for which is used the--}

A9
in line 27, delete "[5]" and insert }-the reference A. Hauenstein,

A10
25 "Optimierung von Algorithmen und Entwurf eines Prozessors für die
automatishce Spracherkennung"--; and

in line 29, delete "[6]" and insert ~~/~~the reference S. Ortmanns et al.,
A11 "Look-Ahead Techniques for Fast Beam Search--.

On page 3, in line 5, delete "[6]" and insert ~~/~~the reference S. Ortmanns et
A12 al., "Look-Ahead Techniques for Fast Beam Search"--;

5 in line 7, delete "[sic]" and delete "[7]" and insert ~~/~~the reference E.
A13 Bocchieri, "Vector Quantization for the Efficient Computation of Continuous
Density Likelihoods"--;

~~/~~in line 8, change "multi-step" to --multi-stepped--;
after line 12, insert --

A14 10 SUMMARY OF THE INVENTION--;

in line 14, change "The object of the invention is to create a" to ~~/~~An
A15 object of the present invention is to provide a--

in line 17, delete "the features of the independent claims" and insert ~~/~~by
A16 the method for voice recognition, in which spoken language is recognized using a
15 voice recognition system, whereby the voice recognition system runs on a
computer; a performance index of the computer is determined by a program for
computer performance assessment; an input quantity for the voice recognition
system is automatically specified using the performance index; and the accuracy
of the voice recognition system is automatically adjusted to the obtained
20 computing power of the computer using this input quantity--;

~~/~~in line 22, before "computer" insert --a--.

~~/~~On page 4, in line 7, replace "said" with --the--; and

~~/~~in line 25, before "for" insert --of this specification--.

~~/~~On page 6, in line 20, replace "plurality" with --number--.

On page 7, in line 6, delete "emerge from the dependent claims" and insert

A17

--include providing that the values for the system parameters of the voice recognition system are determined in that the values are computed from the input quantity in accordance with a mapping specification. The mapping specification may be converted using a table. Preferably, the setting process is executed during the operation of the voice recognition system. According to one embodiment, the voice recognition system comprises at least one of the following system parameters: a) pruning threshold; b) histogram pruning; c) acoustic look-ahead; d) language model look-ahead; e) threshold for selecting distance parameters that are to be computed. At least one of the system parameters is specified using the input quantity. In a preferred development, the system parameters are weighted with respect to their influence on a respective target quantity. Specifically, a target quantity is at least one of the following quantities:

10

a) accuracy of the voice recognition system; or b) speed of the voice recognition system. The system parameters may be weighted equally. Alternately, the system parameters are weighted according to a prescribed weighting table.

15

As a further development of the invention a device for voice recognition is provided, including a voice recognition system, means for adjusting an accuracy of the voice recognition system, the means being so arranged that system parameters of the voice recognition system are adjustable, and the system parameters being computable using an input quantity. f;

after line 6, insert --

A18

BRIEF DESCRIPTION OF THE DRAWINGS--;

✓ in line 11, delete "Shown are:";

25 ✓ in line 13, after "Figure 1" insert --is a flow chart of--;

✓ in line 14, after "Figure 2" insert --is--;

✓ in line 16, after "Figure 3" insert --is--;